From: Puder, Pamela

Sent: Sunday, October 07, 2012 8:47 AM

Subject: FRAX info. PLEASE READ

We are going to start doing FRAX reporting in our DCR offices this week.

There are 2 numbers that the computer will generate that you will

report: the 10-year probability of a major osteoporotic fracture, and

the 10-year probability of a hip fracture. In patients who are in the

osteopenic category, if these numbers are higher than 20% and 3%,

respectively, it is recommended that they be treated for their low bone

mass. I will make up a macro in PS360 so that you only have to say the

numbers.

We will hand out an information sheet to the patients.

For those who do not remember what this is all about, it is a way for

clinicians to identify osteopenic patients who are at higher risk for

fracture based on certain risk factors. The tech measures and weighs

the patient, then asks them a series of questions. The demographics

that go into the calculation are age, gender, height, weight, country of

origin, race. The risk factors asked about are current smoking, alcohol

use, parental history of hip fracture, glucocorticoid use, personal

history of fracture, secondary osteoporosis, RA. The risk factors are

yes or no questions so they are not quantified as to dose and duration.

Therefore, this number is an estimate and it is still very dependent on

the doctors clinical impression to determine the need for treatment.

The femoral neck bmd is factored into this number also. Femoral neck

databases were use to arrive at this algorithm. Spine cannot be used.

This is not used to monitor treatment response. Patients who are

currently being treated or who stopped treatment within the last 2 years

do not get FRAX. Patients with normal BMD do not get FRAX because they

will not be treated anyway. Patients who are osteoporotic do not get

FRAX because they will all be treated.

The ISCD website, [www.iscd.org](http://www.iscd.org), has a pamphlet with the official

position regarding FRAX that is short and easy to read. Those who are

reading alot of DXAs should probably glance at this, just in case you

get asked something about this. Go to the website, on the left side

there is a list of links. Click on official positions. FRAX is at the

top of the next list.

Bahar, did I leave out anything important?

Pam Puder